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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/677,705	10/02/2003	Amy E. Battles	10016293-1	9165

22879 7590 09/04/2008
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EXAMINER	
GEBRIEL, SELAM T	

ART UNIT	PAPER NUMBER
2622	

NOTIFICATION DATE	DELIVERY MODE
09/04/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No.	Applicant(s)	
	10/677,705	BATTLES ET AL.	
	Examiner	Art Unit	
	SELAM T. GEBRIEL	2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *02 October 2003*.
2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-23* is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-23* is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.
10)☒ The drawing(s) filed on *02 October 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a)☐ All b)☐ Some * c)☐ None of:
1.☐ Certified copies of the priority documents have been received.
2.☐ Certified copies of the priority documents have been received in Application No. _____.
3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title.

Claim Rejections - 35 USC § 101

2. 35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 1 – 4 and 10 – 14 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter, i.e. User interface can be an application or a program.

A method claim would not qualify as a statutory process when what recited is purely mental steps, thus to qualify as a 101 statutory process, the claim should positively recite the other statutory class (the thing or product) to which it is tied. (See MPEP 2106.IV.B).

Claim Rejections - 35 USC § 112

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

> The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

5. Claims 14 and 20 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter " **Scaling said deleted one of said plurality of digital images while scrolling said portions of said image prior and said image subsequent over said deleted one"** which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1 – 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Anderson (US 6,249,316 B1).

8. Regarding claim 1, Anderson discloses a method for providing a user interface (Figure 4 – 11, Element 402 or Computer readable program instructions, Col 3, Line 36 – 44 and Col 3, Line 51 – 53) to manage a plurality of digital images that are arranged in an order (Abstract), comprising:

Receiving a first user input (View Soft or function Key) to scroll through said plurality of digital images (See Figure 4 – 11, Col 4, Line 63 - 67);

Presenting one of a subsequent image (Image 3) and a prior (Image 1) of said plurality of digital images in said arranged order in response to said received first user input (See Figure 4 – 11, Col 4, Line 63 – 67, Image 2 being the current displayed or circled or marked image);

Maintaining a data structure that is indicative of a direction of traversal through said plurality of digital images (See Figure 4, Element 406, Col 5, Line 8 – 12 "The cell 420 currently selected by four way navigation control 406 is encircled with the highlighted area 430, the direction of traversal is to the left, right, up, and down)

Receiving a second user input to delete (Figure 8, Element 412 Function Key Delete) a current one of said plurality of digital images;

Deleting said current one (Marked image) of said plurality of digital images (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images); and

Presenting one of an image subsequent to said deleted one of said plurality of digital images and an image prior to said deleted one of said plurality of digital images depending on a value of said data structure (See Figure 8, For sake of explanation let say the camera has 9 images in the memory and all of them are being displayed as shown in figure 8, If the user of the camera deletes (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure).

9. Regarding claim 2, Anderson discloses the method of claim 1 further comprising:

Receiving a third user input to delete a second current one of said plurality of digital images (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11);

Deleting said second current one (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11);

Determining whether said second current one is a last digital image or a first digital image of said plurality of digital images (As shown in figure 4 – 11 it can be determined which is the last image or first image);

Presenting a digital image prior to said second current one when said current one is a last digital image (As shown in figure 4 – 11 the display device presents or displays image prior to the last image); and

Presenting a digital image subsequent to said second current one when said current one is a first digital image (As shown in figure 4 – 11 the display device presents or displays image subsequent to the first image).

10. Regarding claim 3, Anderson discloses the method of claim 1 further comprising:

Receiving third user input to delete a second current one of said plurality of digital images after said first user input is received (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11);

Deleting said second current one; maintaining a value of said data structure (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11 and images are displayed regardless of the direction of traversal or the value of said data structure); and

Presenting one of an image subsequent to said deleted one of said plurality of digital images and an image prior to said deleted one of said plurality of digital images depending on a value of said data structure (See Figure 8, For sake of explanation let say the camera has 9 images in the memory and all of them are being displayed as shown in figure 8, If the user of the camera deletes (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure).

11. Regarding claim 4, Anderson discloses the method of claim 1 wherein said maintaining comprises:

Updating said data structure to reflect traversal in a respective direction after a plurality of user inputs are received for traversing in said respective direction (that images are displayed regardless of the direction of traversal or the value of said data structure, therefore the data structure is updated all the time).

12. Regarding claim 5, Anderson discloses the method of claim 1 wherein said receiving first and second user input are
performed on a digital camera (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11, the user of the camera has the ability to perform multiple deletion by using the function key 412 as shown in figures 4 – 11).

13. Regarding claim 6, Anderson discloses a digital imaging device (Figures 1), comprising:

Memory (Figure 2, Element 354) for storing a plurality of digital images that are arranged in an order (Col 4, Line 28 - 37);

A display (Figure 4, Element 402) for displaying a digital image (Col 4, Line 38 – 45);

A user input element (Figure 4, Element 406, 412,408,416,414,404) for receiving user input (Col 4, Line 38 – 45); and

A user interface process (Figure 3, Element 344 and Element 350, Comprises a computer readable program instruction to control the operation of camera 110) for managing said plurality of digital images responsive to said user input element (Col 3, Line 36 – 44 and Col 3, Line 51 – 53),

Said user interface process (Figure 3, Element 344 and Element 350, Comprises a computer readable program instruction to control the operation of camera 110) including:

Code for (Computer readable program instructions) processing first user input to scroll through said plurality of digital images (Col 3, Line 36 – 44 and Col 3, Line 51 – 53);

Code for (Computer readable program instructions) presenting one of a subsequent image and a prior image of said plurality of digital images on said display in response to said first user input (Col 3, Line 36 – 44 and Col 3, Line 51 – 53);

Code for (Computer readable program instructions) maintaining a data structure that is indicative of a direction of traversal through said plurality of digital images (Col 3, Line 36 – 44 and Col 3, Line 51 – 53);

Code for (Computer readable program instructions) processing second user input to delete a current one of said plurality of digital images (Col 3, Line 36 – 44 and Col 3, Line 51 – 53); and

Code for (Computer readable program instructions) presenting one of an image subsequent to said deleted one of said plurality of digital images and an image prior to said deleted one of said plurality of digital images on said display depending on a value of said data structure (Col 3, Line 36 – 44 and Col 3, Line 51 – 53).

14. Regarding claim 7, Anderson discloses the digital imaging device of claim 6, wherein said user interface process further comprises:

Code for (Computer readable program instructions) presenting a digital image prior to said current one when said current one is a last digital image (Col 3, Line 36 – 44 and Col 3, Line 51 – 53); and

Code for (Computer readable program instructions) presenting a digital image subsequent to second current one when said current one is a first digital image (Col 3, Line 36 – 44 and Col 3, Line 51 – 53).

15. Regarding Claim 8, Anderson discloses the digital imaging device of claim 6, wherein said code for (Computer readable program instructions) maintaining updates said data structure to reflect traversal in a respective direction after a plurality of user inputs are received for traversing in said respective direction (Col 3, Line 36 – 44 and Col 3, Line 51 – 53).

Regarding claim 9, Anderson discloses the digital imaging device of claim 6 further comprising:

An array of photodetectors (Figure 1, Element 114) for capturing said plurality of digital images.

Claim Rejections - 35 USC § 103

16. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

17. Claims 10 –13, 15-19 and 21-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Anderson (US 6,249, 316 B1) in view of Miller (US 2001/0030706 A1).

18. Regarding claim 10, Anderson disclose a method for providing a user interface to manage a plurality of digital images that are arranged in an order (Abstract), comprising:

Presenting one of said digital images (Figures 4 – 11, Marked image);

Receiving user input to delete said one of said plurality of digital images (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11);

Deleting said one of said plurality of digital images in response to said user input (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11); and

Anderson failed to clearly disclose concurrently presenting a portion of an image prior to said deleted one of said plurality of digital images and presenting a portion of an image subsequent to said deleted one of said plurality of digital images in place of presentation of said deleted one of said plurality of digital images.

Miller disclose concurrently presenting a portion of an image prior to said deleted one of said plurality of digital images and presenting a portion of an image subsequent to said deleted one of said plurality of digital images in place of presentation of said deleted one of said plurality of digital images. (See Figure 3, Element 46 and 44, Page 3, Section 0032).

Therefore it would have been obvious to one ordinary skilled in the art at the time the invention was made to modify the teaching of Anderson with Miller to concurrently presenting a portion of an image prior to said deleted one of said plurality of digital images and presenting a portion of an image subsequent to said deleted one of said plurality of digital images in place of presentation of said deleted one of said plurality of digital images. The motivation to do so would be in order to let the user of the user interface which image is present prior and subsequent to the deleted one or the currently displayed image.

19. Regarding claim 11, Anderson in view of Miller further discloses the method of claim 10 further comprising:

Receiving second user input to scroll through said plurality of digital images (See Figure 4 – 11, Col 4, Line 63 - 67); and

Presenting one of:

(I) all of said image prior to said deleted one of said plurality of digital images (See Figure 8, For sake of explanation let say the camera has 9 images in the memory and all of them are being displayed as shown in figure 8, If the user of the camera deletes (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure) and

(II) All of said image subsequent to said deleted one of said plurality of digital images in response to said second user input (See Figure 8, For sake of explanation let say the camera has 9 images in the memory and all of them are being displayed as shown in figure 8, If the user of the camera deletes (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure).

20. Regarding claim 12, Anderson in view of Miller further discloses the method of claim 10 further comprising:

Presenting one of:

(I) all of said image prior to said deleted one of said plurality of digital images and (II) all of said image subsequent to said deleted one of said plurality of digital images after a predetermined amount of time (See Figure 8, For sake of explanation let say the camera has 9 images in the memory and all of them are being displayed as shown in figure 8, If the user of the camera deletes (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure).

21. Regarding claim 13, Anderson in view of Miller further disclose the method of claim 10 wherein said concurrently presenting includes:

Scrolling said portion of said image prior to said deleted one over a first portion of said deleted one on a display (Miller, See Figure 3, Element 44 and 46, Page 3, Section 0032); and

Scrolling said portion of said image subsequent to said deleted one over a second portion of said deleted one on said display (Miller, See Figure 3, Element 44 and 46, Page 3, Section 0032).

22. Regarding claim 15, Anderson in view of Miller further discloses the method of claim 10 wherein said presenting, receiving, deleting, and concurrently presenting are performed by a digital camera (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11, the user of the camera has the ability to perform multiple deletion by using the function key 412 as shown in figures 4 – 11).

23. Regarding claim 16, Anderson discloses a digital imaging device (Figure 1), comprising:

Memory (Figure 2, Element 354) for storing a plurality of digital images that are arranged in an order (Col 4, Line 38 – 45);

A display (Figure 4, Element 402) for displaying a digital image (Col 4, Line 38 – 45);

A user input element (Figure 4, Element 406, 412,408,416,414,404) for receiving user input (Col 4, Line 38 – 45); and

A user interface process (Figure 3, Element 344 and Element 350, Comprises a computer readable program instruction to control the operation of camera 110) for managing said plurality of digital images responsive to said user input element (Col 3, Line 36 – 44 and Col 3, Line 51 – 53),

Said user interface process including:

Code (Computer readable program instructions) for presenting one of said digital images;

Code (Computer readable program instructions) for receiving user input to delete said one of said plurality of digital images; and

Anderson failed to teach code for concurrently presenting, on said display, a portion of an image prior to said deleted one of said plurality of digital images and presenting, on said display, a portion of an image subsequent to said deleted one of said plurality of digital images in place of presentation of said deleted one of said plurality of digital images.

Miller discloses code (Software) for concurrently presenting, on said display, a portion of an image prior to said deleted one of said plurality of digital images and presenting, on said display, a portion of an image subsequent to said deleted one of said plurality of digital images in place of presentation of said deleted one of said plurality of digital images (Page 3, Section 0029).

Therefore it would have been obvious to one ordinary skilled in the art at the time the invention was made to modify the teaching of Anderson with Miller to concurrently presenting a portion of an image prior to said deleted one of said plurality of digital images and presenting a portion of an image subsequent to said deleted one of said plurality of digital images in place of presentation of said deleted one of said plurality of digital images by using a code or software. The motivation to do so would be in order to let the user of the user interface which image is present prior and subsequent to the deleted one or the currently displayed image.

24. Regarding claim 17, Anderson in view of Miller further disclose the digital imaging device of claim 16 wherein said user interface process further comprises:

Code (Computer readable program instructions) for presenting one of (I) all of said image prior to said deleted one of said plurality of digital images and (II) all of said image subsequent to said deleted one of said plurality of digital images in response to second user input after user input is received to delete said delete one of said plurality of digital images (See Figure 8, For sake of explanation let say the camera has 9 images in the memory and all of them are being displayed as shown in figure 8, If the user of the camera deletes (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure).

25. Regarding claim 18, Anderson in view of Miller further disclose the digital imaging device of claim 16 further comprising:

Code for presenting one of (I) all of said image prior to said deleted one of said plurality of digital images and (II) all of said image subsequent to said deleted one of said plurality of digital images after a predetermined amount of time (See Figure 8, For sake of explanation let say the camera has 9 images in the memory and all of them are being displayed as shown in figure 8, If the user of the camera deletes (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure).

26. Regarding claim 19, Anderson in view of Miller further disclose the digital imaging device of claim 16 wherein said code for concurrently presenting comprises:

Code (Software) for scrolling said portion of said image prior to said deleted one over a first portion of said deleted one on a display (Miller, See Figure 3, Element 44 and 46, Page 3, Section 0032); and

Code (Software) for scrolling said portion of said image subsequent to said deleted one over a second portion of said deleted one on said display (Miller, See Figure 3, Element 44 and 46, Page 3, Section 0032).

27. Regarding claim 21, Anderson disclose a method of processing a plurality of digital images arranged in a preset order in a digital imaging device (Figure 1) in response to user input, comprising:

a) Determining a user scrolling direction in response to user scrolling inputs (As shown in figure 4 – 11 it can be determined which is the last image or first image);

b) At least partially deleting a displayed image in response to a user image deletion input (See Figure 8, Col 5, Line 56 – 67, teaches deleting a single image or group of marked images using a function key 412 as shown in Figure 4 – 11);

Anderson failed to disclose c) Based upon the determined scrolling direction, displaying at least a portion of the next image in the scrolling direction after the deleted image unless the deleted image was the first or last image in the preset order.

Miller disclose displaying at least a portion of the next image in the scrolling direction after the deleted image unless the deleted image was the first or last image in the preset order (See Figure 3, Element 46 and 44, Page 3, Section 0032)

Therefore it would have been obvious to one ordinary skilled in the art at the time the invention was made to modify the teaching of Anderson with Miller to display at least a portion of the next image in the scrolling direction after the deleted image unless the deleted image was the first or last image in the preset order. The motivation to do so would be in order to let the user of the user interface which image is present prior and subsequent to the deleted one or the currently displayed image.

28. Regarding claim 22, Anderson in view of Miller further discloses the method of claim 21 further comprising:

Sensing whether the deleted image was the first or last image in the preset order (See Figure 4 – 11 the user cans sense whether the deleted image the first or last image in the preset order since the user will be able to see on the display device which image is first or last);

If the deleted image was the first or last image in the preset order, reversing the scrolling direction from the sensed scrolling direction to a new scrolling direction; and displaying at least a portion of the next image in the new scrolling direction after the deleted image (Col 5 Line 55 - 67 teaches deleting a single image or group of marked images) image 8 (the marked imaged) the image prior (Image 7) and subsequent (Image 9) of that images are displayed regardless of the direction of traversal or the value of said data structure).

29. Regarding claim 23, Anderson disclose a system (Figure 1) for processing a plurality of digital images arranged in a preset order in response to user input, comprising:

Means for (Figure 3, Element 344, Computer readable program instructions) determining a user scrolling direction in response to user scrolling inputs (As shown in figure 4 – 11, it can be determined the scrolling direction visually);

Means for (Figure 3, Element 344, Computer readable program instructions) deleting a displayed image in response to a user image deletion input;

Means for (Figure 3, Element 344, Computer readable program instructions) displaying the next image after the deleted image according to the determined scrolling direction unless the deleted image was the first or last image in the preset order (As shown in figure 4 – 11, it can be determined the scrolling direction visually);

Means for (Figure 3, Element 344, Computer readable program instructions) sensing whether the deleted image was the first or last image in the preset order (See Figure 4 – 11 the user cans sense whether the deleted image the first or last image in the preset order since the user will be able to see on the display device which image is first or last); and

Means for (Figure 3, Element 344, Computer readable program instructions) reversing the scrolling direction from the sensed scrolling direction to a new scrolling direction and

Wherein said means for (Figure 3, Element 344, Computer readable program instructions) reversing and displaying is operable when said means for (Figure 3, Element 344, Computer readable program instructions) sensing senses that the deleted image was the first or last image in the present order (See Figure 4 – 11 the user cans sense whether the deleted image the first or last image in the preset order since the user will be able to see on the display device which image is first or last).

Anderson does no teach means for displaying at least a portion of the next image after the deleted image according to the new scrolling direction, However Miller teach means for (Processor 6 comprising a software) displaying at least a portion of the next image after the deleted image according to the new scrolling direction (Page 3, Section 0032 and 0029).

Therefore it would have been obvious to one ordinary skilled in the art at the time the invention was made to modify the teaching of Anderson with Miller to display at least a portion of the next image after the deleted image according to the new scrolling direction. The motivation to do so would be in order to let the user of the user interface which image is present prior and subsequent to the deleted one or the currently displayed image.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SELAM T. GEBRIEL whose telephone number is (571)270-1652. The examiner can normally be reached on Monday-Thursday 7.30am-5.00pm.If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vu NgocYen can be reached on 571-272-7320. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Selam T Gebriel/
Examiner, Art Unit 2622
Saturday, August 30, 2008

/Ngoc-Yen T. VU/
Supervisory Patent Examiner, Art Unit 2622